

INDEX OF STANDARD DRAWINGS

April 28, 2004

Dwg. No.	Drawing Title	Prev. Dwg. No.
<u>GENERAL</u>		
100	Minimum Arterial Street Widths	1
101	Minimum Collector Street Widths	2
102	Minimum Neighborhood Route Street Widths	3
103	Minimum Local Street Widths	4
104	Minimum Infill Residential Street Widths	6-A
110	Minimum Cul-de-sac Standards	5
111	Minimum Infill Cul-de-sac Standards	6-B
115	Offset Crown	102
120	Interim Turnaround	105
125	Standard Utility Details	101-Rev1
130	Centerline Monuments	103
135	Standard Monument Box	104
140	Mailbox Locations	106
145	Inlet Sediment Control Device	NEW
<u>STREET</u>		
200	Standard Monolithic Curb and Gutter	201
201	Mountable Curb and Gutter (When Preapproved)	NEW
202	Mountable Curb and Gutter At Vault Drain Weephole	NEW
203	Type 'A' Replacement Curb	202
204	Retrofit Curb Cuts in Existing Curb and Gutter	NEW
205	Commercial Driveway with Curbs	203-Rev2
210	Standard Commercial Driveway	204-Rev1
211	Standard Residential Driveway	205
212	Reconstruction of Existing Gutter and Curb Inlet Catch Basin for New Driveway	NEW
215	Standard Sidewalk	206-Rev2
216	Curb Tight Sidewalk (When Preapproved)	206-Rev2
220	Standard Sidewalk Ramps with Planter Strip	NEW
221	Curb Tight Sidewalk Ramps (When Preapproved)	NEW
222	Combination Curb Tight Sidewalk Ramps (When Preapproved)	NEW
225	Midblock Sidewalk Ramp with Planter Strip	208-Rev1
226	Midblock Curb Tight Sidewalk Ramp (When Preapproved)	209-Rev1
230	Retrofit Sidewalk Ramps with Planter Strip	NEW
231	Retrofit Single Sidewalk Ramp with Planter Strip	NEW
Dwg. No.	Drawing Title	Prev. Dwg. No.

232	Retrofit Curb Tight Sidewalk Ramps (When Preapproved)	NEW
235	Retrofit Midblock Sidewalk Ramp with Planter Strip (When Preapproved)	NEW
240	Standard Sidewalk Treewell	NEW
241	Curb Tight Sidewalk Treewell with Grate	NEW
242	Treewell Irrigation	NEW
245	Asphaltic Concrete Speed Hump	415
246	Asphaltic Concrete Speed Table	416
250	Asphaltic Concrete Speed Hump with Median Island	414
251	Asphaltic Concrete Speed Table with Median Island	413
255	Speed Table with Crosswalk	411
256	Speed Table with Crosswalk and Median Island	412
260	Traffic Circle	417

PIPE INSTALLATION, TRENCH BACKFILL AND RESTORATION

300	Pipe Trench Backfill and Surface Restoration	301
301	Conduit Trench Backfill and Surface Restoration	NEW
302	Standard Cleanout in Existing Street	NEW
303	CWS (USA) Flat Top Manhole with C.O.B. Modifications	NEW
304	CWS (USA) Standard Manhole with C.O.B. Modifications	302
305	CWS (USA) Storm Sewer Inside Drop Manhole with C.O.B. Modifications	NEW
306	Sanitary Sewer Inside Drop Manhole	NEW
307	Gravity Pipe Anchor	107
308	Street Resurfacing on Asphalt Concrete Paved Streets	NEW
309	Street Cut in PCC Pavement Perpendicular or Skewed to Centerline	NEW
310	Street Cut in PCC Pavement Parallel to Centerline	NEW
311	Corrective A.C. Pavement Inlay Example "A-1" for Utility Cut or Trench	NEW
312	Corrective A.C. Pavement Inlay Example "A-2" for Utility Cut or Trench	NEW
313	Corrective A.C. Pavement Inlay Example "A-3" for Utility Cut or Trench	NEW
314	Corrective A.C. Pavement Inlay Example "B-1" for Utility Cut or Trench	NEW
315	Corrective A.C. Pavement Inlay Example "B-2" for Utility Cut or Trench	NEW
316	Corrective A.C. Pavement Inlay Example "B-3" for Utility Cut or Trench	NEW

TRAFFIC

400	Typical Sign Assembly	404-Rev1
405	Typical Sign Locations	403-Rev1
410	Street Name Sign – 4 Inch	405-Rev1
411	Street Name Sign – 6 Inch	NEW
412	Block Number Plate Mounting	NEW
415	Future Street Extension Sign	406-Rev1
420	Crosswalk Closure Barricade	409
425	Loop Wire Entrance Sand Pocket	407

Dwg. No.	Drawing Title	Prev. Dwg. No.
430	Pedestrian Push Button Post	408
435	Street Barricade – Type III	401

436 Street Barricade – Type III at Wide Transitions 402-Rev1

WATER

600	Typical Minimum Water Valve Location	601-Rev1
605	Straddle Thrust Block New Pipe Connection	612-Rev1
606	Straddle Thrust Block Existing Pipe Connection	NEW
607	Water Pipe Anchor	107
610	Thrust Blocking Standards	613-Rev1
615	Water Valve Box and Cover	605-Rev1
620	Water Valve Operator Extension	614-Rev1
625	Standard Fire Hydrant Assembly	602-Rev1
626	Standard Fire Hydrant Assembly for Curb Tight Sidewalk	602-A
630	Standard 2" Blowoff	603-A
631	Standard Blowoff 4" and Larger	603-Rev2
632	Standard Blowoff for Low Points in Water Lines	604-Rev1
633	Temporary Blowoff for Construction Purposes (On City C.I.P. Projects Only)	NEW
635	1" Combination Air and Vacuum Valve	607-Rev1
636	2" Combination Air and Vacuum Valve	606-Rev1
640	1" Copper Service Connection	608-Rev1
641	1-½" or 2" Copper Service Installation	608-A-Rev1
645	Sampling Station Installation	618-Rev1
650	Pressure Reducing Valve Vault	NEW
655	Typical Pressure Gauge with Hose Bib	615-Rev1
656	Typical Pressure Gauge with Hose Bib for Telemetry RTU Transmitter	615-A-Rev2
660	Private 1" Reduced Pressure Backflow Preventer	616-Rev1
661	Private 1-½" & 2" Reduced Pressure Backflow Preventer	617-Rev1
662	Private Double Check Valve Assembly for Domestic and Landscape Irrigation Systems	NEW
665	Compound Water Meter Vault	609-Rev2
670	Private Double Check Backflow Preventer Vault	611-Rev2
671	Private Fire Service Vault	610-Rev2
672	Private Combination Fire Service Vault & Domestic Double Check	610-A-Rev2

BICYCLE / PEDESTRIAN

700	Typical Shared-use Path Section	701
705	Mid-block Pedestrian Crossing	410
710	Vehicle Barrier Locations and Fence Openings	703-Rev1
715	Removable Vehicle Barrier Post	702-Rev1

INDEX OF STANDARD DRAWINGS
May 18, 2004

Dwg. No.	Drawing Title	Prev. Dwg. No.
<u>GENERAL</u>		
100	Minimum Arterial Street Widths	1
101	Minimum Collector Street Widths	2
102	Minimum Neighborhood Route Street Widths	3
103	Minimum Local Street Widths	4
104	Minimum Infill Residential Street Widths	6-A
110	Minimum Cul-de-sac Standards	5
111	Minimum Infill Cul-de-sac Standards	6-B
115	Offset Crown	102
120	Interim Turnaround	105
125	Standard Utility Details	101-Rev1
130	Centerline Monuments	103
135	Standard Monument Box	104
140	Mailbox Locations	106
145	Inlet Sediment Control Device	NEW
<u>STREET</u>		
200	Standard Monolithic Curb and Gutter	201
201	Mountable Curb and Gutter (When Preapproved)	NEW
202	Mountable Curb and Gutter At Vault Drain Weephole	NEW
203	Type 'A' Replacement Curb	202
204	Retrofit Curb Cuts in Existing Curb and Gutter	NEW
205	Commercial Driveway with Curbs	203-Rev2
210	Standard Commercial Driveway	204-Rev1
211	Standard Residential Driveway	205
212	Reconstruction of Existing Gutter and Curb Inlet Catch Basin for New Driveway	NEW
215	Standard Sidewalk	206-Rev2
216	Curb Tight Sidewalk (When Preapproved)	206-Rev2
220	Standard Sidewalk Ramps with Planter Strip	NEW
221	Curb Tight Sidewalk Ramps (When Preapproved)	NEW
222	Combination Curb Tight Sidewalk Ramps (When Preapproved)	NEW
225	Midblock Sidewalk Ramp with Planter Strip	208-Rev1
226	Midblock Curb Tight Sidewalk Ramp (When Preapproved)	209-Rev1
230	Retrofit Sidewalk Ramps with Planter Strip	NEW
231	Retrofit Single Sidewalk Ramp with Planter Strip	NEW

Dwg. No.	Drawing Title	Prev. Dwg. No.
232	Retrofit Curb Tight Sidewalk Ramps (When Preapproved)	NEW
233	Retrofit Curb Tight Single Sidewalk Ramp (When Preapproved)	NEW
235	Retrofit Midblock Sidewalk Ramp with Planter Strip (When Preapproved)	NEW
240	Standard Sidewalk Treewell	NEW
241	Curb Tight Sidewalk Treewell with Grate	NEW
242	Treewell Irrigation	NEW
245	Asphaltic Concrete Speed Hump	415
246	Asphaltic Concrete Speed Table	416
250	Asphaltic Concrete Speed Hump with Median Island	414
251	Asphaltic Concrete Speed Table with Median Island	413
255	Speed Table with Crosswalk	411
256	Speed Table with Crosswalk and Median Island	412
260	Traffic Circle	417

PIPE INSTALLATION, TRENCH BACKFILL AND RESTORATION

300	Pipe Trench Backfill and Surface Restoration	301
301	Conduit Trench Backfill and Surface Restoration	NEW
302	Standard Cleanout in Existing Street	NEW
303	CWS (USA) Flat Top Manhole with C.O.B. Modifications	NEW
304	CWS (USA) Standard Manhole with C.O.B. Modifications	302
305	CWS (USA) Storm Sewer Inside Drop Manhole with C.O.B. Modifications	NEW
306	Sanitary Sewer Inside Drop Manhole	NEW
307	Gravity Pipe Anchor	107
308	Street Resurfacing on Asphalt Concrete Paved Streets	NEW
309	Street Cut in PCC Pavement Perpendicular or Skewed to Centerline	NEW
310	Street Cut in PCC Pavement Parallel to Centerline	NEW
311	Corrective A.C. Pavement Inlay Example "A-1" for Utility Cut or Trench	NEW
312	Corrective A.C. Pavement Inlay Example "A-2" for Utility Cut or Trench	NEW
313	Corrective A.C. Pavement Inlay Example "A-3" for Utility Cut or Trench	NEW
314	Corrective A.C. Pavement Inlay Example "B-1" for Utility Cut or Trench	NEW
315	Corrective A.C. Pavement Inlay Example "B-2" for Utility Cut or Trench	NEW
316	Corrective A.C. Pavement Inlay Example "B-3" for Utility Cut or Trench	NEW

TRAFFIC

400	Typical Sign Assembly	404-Rev1
405	Typical Sign Locations	403-Rev1
410	Street Name Sign – 4 Inch	405-Rev1
411	Street Name Sign – 6 Inch	NEW
412	Block Number Plate Mounting	NEW
415	Future Street Extension Sign	406-Rev1
420	Crosswalk Closure Barricade	409
425	Loop Wire Entrance Sand Pocket	407

Dwg. No.	Drawing Title	Prev. Dwg. No.
430	Pedestrian Push Button Post	408
435	Street Barricade – Type III	401
436	Street Barricade – Type III at Wide Transitions	402-Rev1

WATER

600	Typical Minimum Water Valve Location	601-Rev1
605	Straddle Thrust Block New Pipe Connection	612-Rev1
606	Straddle Thrust Block Existing Pipe Connection	NEW
607	Water Pipe Anchor	107
610	Thrust Blocking Standards	613-Rev1
615	Water Valve Box and Cover	605-Rev1
620	Water Valve Operator Extension	614-Rev1
625	Standard Fire Hydrant Assembly	602-Rev1
626	Standard Fire Hydrant Assembly for Curb Tight Sidewalk	602-A
630	Standard 2" Blowoff	603-A
631	Standard Blowoff 4" and Larger	603-Rev2
632	Standard Blowoff for Low Points in Water Lines	604-Rev1
633	Temporary Blowoff for Construction Purposes (On City C.I.P. Projects Only)	NEW
635	1" Combination Air and Vacuum Valve	607-Rev1
636	2" Combination Air and Vacuum Valve	606-Rev1
640	1" Copper Service Connection	608-Rev1
641	1-½" or 2" Copper Service Installation	608-A-Rev1
645	Sampling Station Installation	618-Rev1
650	Pressure Reducing Valve Vault	NEW
655	Typical Pressure Gauge with Hose Bib	615-Rev1
656	Typical Pressure Gauge with Hose Bib for Telemetry RTU Transmitter	615-A-Rev2
660	Private 1" Reduced Pressure Backflow Preventer	616-Rev1
661	Private 1-½" & 2" Reduced Pressure Backflow Preventer	617-Rev1
662	Private Double Check Valve Assembly for Domestic and Landscape Irrigation Systems	NEW
665	Compound Water Meter Vault	609-Rev2
670	Private Double Check Backflow Preventer Vault	611-Rev2
671	Private Fire Service Vault	610-Rev2
672	Private Combination Fire Service Vault & Domestic Double Check	610-A-Rev2

BICYCLE / PEDESTRIAN

700	Typical Shared-use Path Section	701
705	Mid-block Pedestrian Crossing	410
710	Vehicle Barrier Locations and Fence Openings	703-Rev1
715	Removable Vehicle Barrier Post	702-Rev1

INDEX OF STANDARD DRAWINGS

April 28, 2004

Dwg. No.	Drawing Title	Prev. Dwg. No.
-------------	---------------	-------------------

GENERAL

100	Minimum Arterial Street Widths	1
101	Minimum Collector Street Widths	2
102	Minimum Neighborhood Route Street Widths	3
103	Minimum Local Street Widths	4
104	Minimum Infill Residential Street Widths	6-A
110	Minimum Cul-de-sac Standards	5
111	Minimum Infill Cul-de-sac Standards	6-B
115	Offset Crown	102
120	Interim Turnaround	105
125	Standard Utility Details	101-Rev1
130	Centerline Monuments	103
135	Standard Monument Box	104
140	Mailbox Locations	106
145	Inlet Sediment Control Device	NEW

STREET

200	Standard Monolithic Curb and Gutter	201
201	Mountable Curb and Gutter (When Preapproved)	NEW
202	Mountable Curb and Gutter At Vault Drain Weephole	NEW
203	Type 'A' Replacement Curb	202
204	Retrofit Curb Cuts in Existing Curb and Gutter	NEW
205	Commercial Driveway with Curbs	203-Rev2
210	Standard Commercial Driveway	204-Rev1
211	Standard Residential Driveway	205
212	Reconstruction of Existing Gutter and Curb Inlet Catch Basin for New Driveway	NEW
215	Standard Sidewalk	206-Rev2
216	Curb Tight Sidewalk (When Preapproved)	206-Rev2
220	Standard Sidewalk Ramps with Planter Strip	NEW
221	Curb Tight Sidewalk Ramps (When Preapproved)	NEW
222	Combination Curb Tight Sidewalk Ramps (When Preapproved)	NEW
225	Midblock Sidewalk Ramp with Planter Strip	208-Rev1
226	Midblock Curb Tight Sidewalk Ramp (When Preapproved)	209-Rev1
230	Retrofit Sidewalk Ramps with Planter Strip	NEW
231	Retrofit Single Sidewalk Ramp with Planter Strip	NEW
232	Retrofit Curb Tight Sidewalk Ramps (When Preapproved)	NEW

233	Retrofit Curb Tight Single Sidewalk Ramp (When Preapproved)	NEW
235	Retrofit Midblock Sidewalk Ramp with Planter Strip (When Preapproved)	NEW
240	Standard Sidewalk Treewell	NEW
241	Curb Tight Sidewalk Treewell with Grate	NEW
242	Treewell Irrigation	NEW
245	Asphaltic Concrete Speed Hump	415
246	Asphaltic Concrete Speed Table	416
250	Asphaltic Concrete Speed Hump with Median Island	414
251	Asphaltic Concrete Speed Table with Median Island	413
255	Speed Table with Crosswalk	411
256	Speed Table with Crosswalk and Median Island	412
260	Traffic Circle	417

PIPE INSTALLATION, TRENCH BACKFILL AND RESTORATION

300	Pipe Trench Backfill and Surface Restoration	301
301	Conduit Trench Backfill and Surface Restoration	NEW
302	Standard Cleanout in Existing Street	NEW
303	CWS (USA) Flat Top Manhole with C.O.B. Modifications	NEW
304	CWS (USA) Standard Manhole with C.O.B. Modifications	302
305	CWS (USA) Storm Sewer Inside Drop Manhole with C.O.B. Modifications	NEW
306	Sanitary Sewer Inside Drop Manhole	NEW
307	Gravity Pipe Anchor	107
308	Street Resurfacing on Asphalt Concrete Paved Streets	NEW
309	Street Cut in PCC Pavement Perpendicular or Skewed to Centerline	NEW
310	Street Cut in PCC Pavement Parallel to Centerline	NEW
311	Corrective A.C. Pavement Inlay Example "A-1" for Utility Cut or Trench	NEW
312	Corrective A.C. Pavement Inlay Example "A-2" for Utility Cut or Trench	NEW
313	Corrective A.C. Pavement Inlay Example "A-3" for Utility Cut or Trench	NEW
314	Corrective A.C. Pavement Inlay Example "B-1" for Utility Cut or Trench	NEW
315	Corrective A.C. Pavement Inlay Example "B-2" for Utility Cut or Trench	NEW
316	Corrective A.C. Pavement Inlay Example "B-3" for Utility Cut or Trench	NEW

TRAFFIC

400	Typical Sign Assembly	404-Rev1
405	Typical Sign Locations	403-Rev1
410	Street Name Sign – 4 Inch	405-Rev1
411	Street Name Sign – 6 Inch	NEW
412	Block Number Plate Mounting	NEW
415	Future Street Extension Sign	406-Rev1
420	Crosswalk Closure Barricade	409
425	Loop Wire Entrance Sand Pocket	407
430	Pedestrian Push Button Post	408
435	Street Barricade – Type III	401
436	Street Barricade – Type III at Wide Transitions	402-Rev1

WATER

600	Typical Minimum Water Valve Location	601-Rev1
605	Straddle Thrust Block New Pipe Connection	612-Rev1
606	Straddle Thrust Block Existing Pipe Connection	NEW
607	Water Pipe Anchor	107
610	Thrust Blocking Standards	613-Rev1
615	Water Valve Box and Cover	605-Rev1
620	Water Valve Operator Extension	614-Rev1
625	Standard Fire Hydrant Assembly	602-Rev1
626	Standard Fire Hydrant Assembly for Curb Tight Sidewalk	602-A
630	Standard 2" Blowoff	603-A
631	Standard Blowoff 4" and Larger	603-Rev2
632	Standard Blowoff for Low Points in Water Lines	604-Rev1
633	Temporary Blowoff for Construction Purposes (On City C.I.P. Projects Only)	NEW
635	1" Combination Air and Vacuum Valve	607-Rev1
636	2" Combination Air and Vacuum Valve	606-Rev1
640	1" Copper Service Connection	608-Rev1
641	1-½" or 2" Copper Service Installation	608-A-Rev1
645	Sampling Station Installation	618-Rev1
650	Pressure Reducing Valve Vault	NEW
655	Typical Pressure Gauge with Hose Bib	615-Rev1
656	Typical Pressure Gauge with Hose Bib for Telemetry RTU Transmitter	615-A-Rev2
660	Private 1" Reduced Pressure Backflow Preventer	616-Rev1
661	Private 1-½" & 2" Reduced Pressure Backflow Preventer	617-Rev1
662	Private Double Check Valve Assembly for Domestic and Landscape Irrigation Systems	NEW
665	Compound Water Meter Vault	609-Rev2
670	Private Double Check Backflow Preventer Vault	611-Rev2
671	Private Fire Service Vault	610-Rev2
672	Private Combination Fire Service Vault & Domestic Double Check	610-A-Rev2

BICYCLE / PEDESTRIAN

700	Typical Shared-use Path Section	701
705	Mid-block Pedestrian Crossing	410
710	Vehicle Barrier Locations and Fence Openings	703-Rev1
715	Removable Vehicle Barrier Post	702-Rev1

pdfMachine trial version

INDEX OF STANDARD DRAWINGS
April 28, 2004

Dwg. No.	Drawing Title	Prev. Dwg. No.
<u>GENERAL</u>		
100	Minimum Arterial Street Widths	1
101	Minimum Collector Street Widths	2
102	Minimum Neighborhood Route Street Widths	3
103	Minimum Local Street Widths	4
104	Minimum Infill Residential Street Widths	6-A
110	Minimum Cul-de-sac Standards	5
111	Minimum Infill Cul-de-sac Standards	6-B
115	Offset Crown	102
120	Interim Turnaround	105
125	Standard Utility Details	101-Rev1
130	Centerline Monuments	103
135	Standard Monument Box	104
140	Mailbox Locations	106
145	Inlet Sediment Control Device	NEW
<u>STREET</u>		
200	Standard Monolithic Curb and Gutter	201
201	Mountable Curb and Gutter (When Preapproved)	NEW
202	Mountable Curb and Gutter At Vault Drain Weephole	NEW
203	Type 'A' Replacement Curb	202
204	Retrofit Curb Cuts in Existing Curb and Gutter	NEW
205	Commercial Driveway with Curbs	203-Rev2
210	Standard Commercial Driveway	204-Rev1
211	Standard Residential Driveway	205
212	Reconstruction of Existing Gutter and Curb Inlet Catch Basin for New Driveway	NEW
215	Standard Sidewalk	206-Rev2
216	Curb Tight Sidewalk (When Preapproved)	206-Rev2
220	Standard Sidewalk Ramps with Planter Strip	NEW
221	Curb Tight Sidewalk Ramps (When Preapproved)	NEW
222	Combination Curb Tight Sidewalk Ramps (When Preapproved)	NEW
225	Midblock Sidewalk Ramp with Planter Strip	208-Rev1
226	Midblock Curb Tight Sidewalk Ramp (When Preapproved)	209-Rev1
230	Retrofit Sidewalk Ramps with Planter Strip	NEW
231	Retrofit Single Sidewalk Ramp with Planter Strip	NEW
Dwg. No.	Drawing Title	Prev. Dwg. No.

232	Retrofit Curb Tight Sidewalk Ramps (When Preapproved)	NEW
235	Retrofit Midblock Sidewalk Ramp with Planter Strip (When Preapproved)	NEW
240	Standard Sidewalk Treewell	NEW
241	Curb Tight Sidewalk Treewell with Grate	NEW
242	Treewell Irrigation	NEW
245	Asphaltic Concrete Speed Hump	415
246	Asphaltic Concrete Speed Table	416
250	Asphaltic Concrete Speed Hump with Median Island	414
251	Asphaltic Concrete Speed Table with Median Island	413
255	Speed Table with Crosswalk	411
256	Speed Table with Crosswalk and Median Island	412
260	Traffic Circle	417

PIPE INSTALLATION, TRENCH BACKFILL AND RESTORATION

300	Pipe Trench Backfill and Surface Restoration	301
301	Conduit Trench Backfill and Surface Restoration	NEW
302	Standard Cleanout in Existing Street	NEW
303	CWS (USA) Flat Top Manhole with C.O.B. Modifications	NEW
304	CWS (USA) Standard Manhole with C.O.B. Modifications	302
305	CWS (USA) Storm Sewer Inside Drop Manhole with C.O.B. Modifications	NEW
306	Sanitary Sewer Inside Drop Manhole	NEW
307	Gravity Pipe Anchor	107
308	Street Resurfacing on Asphalt Concrete Paved Streets	NEW
309	Street Cut in PCC Pavement Perpendicular or Skewed to Centerline	NEW
310	Street Cut in PCC Pavement Parallel to Centerline	NEW
311	Corrective A.C. Pavement Inlay Example "A-1" for Utility Cut or Trench	NEW
312	Corrective A.C. Pavement Inlay Example "A-2" for Utility Cut or Trench	NEW
313	Corrective A.C. Pavement Inlay Example "A-3" for Utility Cut or Trench	NEW
314	Corrective A.C. Pavement Inlay Example "B-1" for Utility Cut or Trench	NEW
315	Corrective A.C. Pavement Inlay Example "B-2" for Utility Cut or Trench	NEW
316	Corrective A.C. Pavement Inlay Example "B-3" for Utility Cut or Trench	NEW

TRAFFIC

400	Typical Sign Assembly	404-Rev1
405	Typical Sign Locations	403-Rev1
410	Street Name Sign – 4 Inch	405-Rev1
411	Street Name Sign – 6 Inch	NEW
412	Block Number Plate Mounting	NEW
415	Future Street Extension Sign	406-Rev1
420	Crosswalk Closure Barricade	409
425	Loop Wire Entrance Sand Pocket	407

Dwg. No.	Drawing Title	Prev. Dwg. No.
430	Pedestrian Push Button Post	408
435	Street Barricade – Type III	401

436 Street Barricade – Type III at Wide Transitions 402-Rev1

WATER

600	Typical Minimum Water Valve Location	601-Rev1
605	Straddle Thrust Block New Pipe Connection	612-Rev1
606	Straddle Thrust Block Existing Pipe Connection	NEW
607	Water Pipe Anchor	107
610	Thrust Blocking Standards	613-Rev1
615	Water Valve Box and Cover	605-Rev1
620	Water Valve Operator Extension	614-Rev1
625	Standard Fire Hydrant Assembly	602-Rev1
626	Standard Fire Hydrant Assembly for Curb Tight Sidewalk	602-A
630	Standard 2" Blowoff	603-A
631	Standard Blowoff 4" and Larger	603-Rev2
632	Standard Blowoff for Low Points in Water Lines	604-Rev1
633	Temporary Blowoff for Construction Purposes (On City C.I.P. Projects Only)	NEW
635	1" Combination Air and Vacuum Valve	607-Rev1
636	2" Combination Air and Vacuum Valve	606-Rev1
640	1" Copper Service Connection	608-Rev1
641	1-½" or 2" Copper Service Installation	608-A-Rev1
645	Sampling Station Installation	618-Rev1
650	Pressure Reducing Valve Vault	NEW
655	Typical Pressure Gauge with Hose Bib	615-Rev1
656	Typical Pressure Gauge with Hose Bib for Telemetry RTU Transmitter	615-A-Rev2
660	Private 1" Reduced Pressure Backflow Preventer	616-Rev1
661	Private 1-½" & 2" Reduced Pressure Backflow Preventer	617-Rev1
662	Private Double Check Valve Assembly for Domestic and Landscape Irrigation Systems	NEW
665	Compound Water Meter Vault	609-Rev2
670	Private Double Check Backflow Preventer Vault	611-Rev2
671	Private Fire Service Vault	610-Rev2
672	Private Combination Fire Service Vault & Domestic Double Check	610-A-Rev2

BICYCLE / PEDESTRIAN

700	Typical Shared-use Path Section	701
705	Mid-block Pedestrian Crossing	410
710	Vehicle Barrier Locations and Fence Openings	703-Rev1
715	Removable Vehicle Barrier Post	702-Rev1

INDEX OF STANDARD DRAWINGS
May 18, 2004

Dwg. No.	Drawing Title	Prev. Dwg. No.
<u>GENERAL</u>		
100	Minimum Arterial Street Widths	1
101	Minimum Collector Street Widths	2
102	Minimum Neighborhood Route Street Widths	3
103	Minimum Local Street Widths	4
104	Minimum Infill Residential Street Widths	6-A
110	Minimum Cul-de-sac Standards	5
111	Minimum Infill Cul-de-sac Standards	6-B
115	Offset Crown	102
120	Interim Turnaround	105
125	Standard Utility Details	101-Rev1
130	Centerline Monuments	103
135	Standard Monument Box	104
140	Mailbox Locations	106
145	Inlet Sediment Control Device	NEW
<u>STREET</u>		
200	Standard Monolithic Curb and Gutter	201
201	Mountable Curb and Gutter (When Preapproved)	NEW
202	Mountable Curb and Gutter At Vault Drain Weephole	NEW
203	Type 'A' Replacement Curb	202
204	Retrofit Curb Cuts in Existing Curb and Gutter	NEW
205	Commercial Driveway with Curbs	203-Rev2
210	Standard Commercial Driveway	204-Rev1
211	Standard Residential Driveway	205
212	Reconstruction of Existing Gutter and Curb Inlet Catch Basin for New Driveway	NEW
215	Standard Sidewalk	206-Rev2
216	Curb Tight Sidewalk (When Preapproved)	206-Rev2
220	Standard Sidewalk Ramps with Planter Strip	NEW
221	Curb Tight Sidewalk Ramps (When Preapproved)	NEW
222	Combination Curb Tight Sidewalk Ramps (When Preapproved)	NEW
225	Midblock Sidewalk Ramp with Planter Strip	208-Rev1
226	Midblock Curb Tight Sidewalk Ramp (When Preapproved)	209-Rev1
230	Retrofit Sidewalk Ramps with Planter Strip	NEW
231	Retrofit Single Sidewalk Ramp with Planter Strip	NEW

Dwg. No.	Drawing Title	Prev. Dwg. No.
232	Retrofit Curb Tight Sidewalk Ramps (When Preapproved)	NEW
233	Retrofit Curb Tight Single Sidewalk Ramp (When Preapproved)	NEW
235	Retrofit Midblock Sidewalk Ramp with Planter Strip (When Preapproved)	NEW
240	Standard Sidewalk Treewell	NEW
241	Curb Tight Sidewalk Treewell with Grate	NEW
242	Treewell Irrigation	NEW
245	Asphaltic Concrete Speed Hump	415
246	Asphaltic Concrete Speed Table	416
250	Asphaltic Concrete Speed Hump with Median Island	414
251	Asphaltic Concrete Speed Table with Median Island	413
255	Speed Table with Crosswalk	411
256	Speed Table with Crosswalk and Median Island	412
260	Traffic Circle	417

PIPE INSTALLATION, TRENCH BACKFILL AND RESTORATION

300	Pipe Trench Backfill and Surface Restoration	301
301	Conduit Trench Backfill and Surface Restoration	NEW
302	Standard Cleanout in Existing Street	NEW
303	CWS (USA) Flat Top Manhole with C.O.B. Modifications	NEW
304	CWS (USA) Standard Manhole with C.O.B. Modifications	302
305	CWS (USA) Storm Sewer Inside Drop Manhole with C.O.B. Modifications	NEW
306	Sanitary Sewer Inside Drop Manhole	NEW
307	Gravity Pipe Anchor	107
308	Street Resurfacing on Asphalt Concrete Paved Streets	NEW
309	Street Cut in PCC Pavement Perpendicular or Skewed to Centerline	NEW
310	Street Cut in PCC Pavement Parallel to Centerline	NEW
311	Corrective A.C. Pavement Inlay Example "A-1" for Utility Cut or Trench	NEW
312	Corrective A.C. Pavement Inlay Example "A-2" for Utility Cut or Trench	NEW
313	Corrective A.C. Pavement Inlay Example "A-3" for Utility Cut or Trench	NEW
314	Corrective A.C. Pavement Inlay Example "B-1" for Utility Cut or Trench	NEW
315	Corrective A.C. Pavement Inlay Example "B-2" for Utility Cut or Trench	NEW
316	Corrective A.C. Pavement Inlay Example "B-3" for Utility Cut or Trench	NEW

TRAFFIC

400	Typical Sign Assembly	404-Rev1
405	Typical Sign Locations	403-Rev1
410	Street Name Sign – 4 Inch	405-Rev1
411	Street Name Sign – 6 Inch	NEW
412	Block Number Plate Mounting	NEW
415	Future Street Extension Sign	406-Rev1
420	Crosswalk Closure Barricade	409
425	Loop Wire Entrance Sand Pocket	407

Dwg. No.	Drawing Title	Prev. Dwg. No.
430	Pedestrian Push Button Post	408
435	Street Barricade – Type III	401
436	Street Barricade – Type III at Wide Transitions	402-Rev1

WATER

600	Typical Minimum Water Valve Location	601-Rev1
605	Straddle Thrust Block New Pipe Connection	612-Rev1
606	Straddle Thrust Block Existing Pipe Connection	NEW
607	Water Pipe Anchor	107
610	Thrust Blocking Standards	613-Rev1
615	Water Valve Box and Cover	605-Rev1
620	Water Valve Operator Extension	614-Rev1
625	Standard Fire Hydrant Assembly	602-Rev1
626	Standard Fire Hydrant Assembly for Curb Tight Sidewalk	602-A
630	Standard 2" Blowoff	603-A
631	Standard Blowoff 4" and Larger	603-Rev2
632	Standard Blowoff for Low Points in Water Lines	604-Rev1
633	Temporary Blowoff for Construction Purposes (On City C.I.P. Projects Only)	NEW
635	1" Combination Air and Vacuum Valve	607-Rev1
636	2" Combination Air and Vacuum Valve	606-Rev1
640	1" Copper Service Connection	608-Rev1
641	1-½" or 2" Copper Service Installation	608-A-Rev1
645	Sampling Station Installation	618-Rev1
650	Pressure Reducing Valve Vault	NEW
655	Typical Pressure Gauge with Hose Bib	615-Rev1
656	Typical Pressure Gauge with Hose Bib for Telemetry RTU Transmitter	615-A-Rev2
660	Private 1" Reduced Pressure Backflow Preventer	616-Rev1
661	Private 1-½" & 2" Reduced Pressure Backflow Preventer	617-Rev1
662	Private Double Check Valve Assembly for Domestic and Landscape Irrigation Systems	NEW
665	Compound Water Meter Vault	609-Rev2
670	Private Double Check Backflow Preventer Vault	611-Rev2
671	Private Fire Service Vault	610-Rev2
672	Private Combination Fire Service Vault & Domestic Double Check	610-A-Rev2

BICYCLE / PEDESTRIAN

700	Typical Shared-use Path Section	701
705	Mid-block Pedestrian Crossing	410
710	Vehicle Barrier Locations and Fence Openings	703-Rev1
715	Removable Vehicle Barrier Post	702-Rev1

INDEX OF STANDARD DRAWINGS

April 28, 2004

Dwg. No.	Drawing Title	Prev. Dwg. No.
-------------	---------------	-------------------

GENERAL

100	Minimum Arterial Street Widths	1
101	Minimum Collector Street Widths	2
102	Minimum Neighborhood Route Street Widths	3
103	Minimum Local Street Widths	4
104	Minimum Infill Residential Street Widths	6-A
110	Minimum Cul-de-sac Standards	5
111	Minimum Infill Cul-de-sac Standards	6-B
115	Offset Crown	102
120	Interim Turnaround	105
125	Standard Utility Details	101-Rev1
130	Centerline Monuments	103
135	Standard Monument Box	104
140	Mailbox Locations	106
145	Inlet Sediment Control Device	NEW

STREET

200	Standard Monolithic Curb and Gutter	201
201	Mountable Curb and Gutter (When Preapproved)	NEW
202	Mountable Curb and Gutter At Vault Drain Weephole	NEW
203	Type 'A' Replacement Curb	202
204	Retrofit Curb Cuts in Existing Curb and Gutter	NEW
205	Commercial Driveway with Curbs	203-Rev2
210	Standard Commercial Driveway	204-Rev1
211	Standard Residential Driveway	205
212	Reconstruction of Existing Gutter and Curb Inlet Catch Basin for New Driveway	NEW
215	Standard Sidewalk	206-Rev2
216	Curb Tight Sidewalk (When Preapproved)	206-Rev2
220	Standard Sidewalk Ramps with Planter Strip	NEW
221	Curb Tight Sidewalk Ramps (When Preapproved)	NEW
222	Combination Curb Tight Sidewalk Ramps (When Preapproved)	NEW
225	Midblock Sidewalk Ramp with Planter Strip	208-Rev1
226	Midblock Curb Tight Sidewalk Ramp (When Preapproved)	209-Rev1
230	Retrofit Sidewalk Ramps with Planter Strip	NEW
231	Retrofit Single Sidewalk Ramp with Planter Strip	NEW
232	Retrofit Curb Tight Sidewalk Ramps (When Preapproved)	NEW

233	Retrofit Curb Tight Single Sidewalk Ramp (When Preapproved)	NEW
235	Retrofit Midblock Sidewalk Ramp with Planter Strip (When Preapproved)	NEW
240	Standard Sidewalk Treewell	NEW
241	Curb Tight Sidewalk Treewell with Grate	NEW
242	Treewell Irrigation	NEW
245	Asphaltic Concrete Speed Hump	415
246	Asphaltic Concrete Speed Table	416
250	Asphaltic Concrete Speed Hump with Median Island	414
251	Asphaltic Concrete Speed Table with Median Island	413
255	Speed Table with Crosswalk	411
256	Speed Table with Crosswalk and Median Island	412
260	Traffic Circle	417

PIPE INSTALLATION, TRENCH BACKFILL AND RESTORATION

300	Pipe Trench Backfill and Surface Restoration	301
301	Conduit Trench Backfill and Surface Restoration	NEW
302	Standard Cleanout in Existing Street	NEW
303	CWS (USA) Flat Top Manhole with C.O.B. Modifications	NEW
304	CWS (USA) Standard Manhole with C.O.B. Modifications	302
305	CWS (USA) Storm Sewer Inside Drop Manhole with C.O.B. Modifications	NEW
306	Sanitary Sewer Inside Drop Manhole	NEW
307	Gravity Pipe Anchor	107
308	Street Resurfacing on Asphalt Concrete Paved Streets	NEW
309	Street Cut in PCC Pavement Perpendicular or Skewed to Centerline	NEW
310	Street Cut in PCC Pavement Parallel to Centerline	NEW
311	Corrective A.C. Pavement Inlay Example "A-1" for Utility Cut or Trench	NEW
312	Corrective A.C. Pavement Inlay Example "A-2" for Utility Cut or Trench	NEW
313	Corrective A.C. Pavement Inlay Example "A-3" for Utility Cut or Trench	NEW
314	Corrective A.C. Pavement Inlay Example "B-1" for Utility Cut or Trench	NEW
315	Corrective A.C. Pavement Inlay Example "B-2" for Utility Cut or Trench	NEW
316	Corrective A.C. Pavement Inlay Example "B-3" for Utility Cut or Trench	NEW

TRAFFIC

400	Typical Sign Assembly	404-Rev1
405	Typical Sign Locations	403-Rev1
410	Street Name Sign – 4 Inch	405-Rev1
411	Street Name Sign – 6 Inch	NEW
412	Block Number Plate Mounting	NEW
415	Future Street Extension Sign	406-Rev1
420	Crosswalk Closure Barricade	409
425	Loop Wire Entrance Sand Pocket	407
430	Pedestrian Push Button Post	408
435	Street Barricade – Type III	401
436	Street Barricade – Type III at Wide Transitions	402-Rev1

WATER

600	Typical Minimum Water Valve Location	601-Rev1
605	Straddle Thrust Block New Pipe Connection	612-Rev1
606	Straddle Thrust Block Existing Pipe Connection	NEW
607	Water Pipe Anchor	107
610	Thrust Blocking Standards	613-Rev1
615	Water Valve Box and Cover	605-Rev1
620	Water Valve Operator Extension	614-Rev1
625	Standard Fire Hydrant Assembly	602-Rev1
626	Standard Fire Hydrant Assembly for Curb Tight Sidewalk	602-A
630	Standard 2" Blowoff	603-A
631	Standard Blowoff 4" and Larger	603-Rev2
632	Standard Blowoff for Low Points in Water Lines	604-Rev1
633	Temporary Blowoff for Construction Purposes (On City C.I.P. Projects Only)	NEW
635	1" Combination Air and Vacuum Valve	607-Rev1
636	2" Combination Air and Vacuum Valve	606-Rev1
640	1" Copper Service Connection	608-Rev1
641	1-½" or 2" Copper Service Installation	608-A-Rev1
645	Sampling Station Installation	618-Rev1
650	Pressure Reducing Valve Vault	NEW
655	Typical Pressure Gauge with Hose Bib	615-Rev1
656	Typical Pressure Gauge with Hose Bib for Telemetry RTU Transmitter	615-A-Rev2
660	Private 1" Reduced Pressure Backflow Preventer	616-Rev1
661	Private 1-½" & 2" Reduced Pressure Backflow Preventer	617-Rev1
662	Private Double Check Valve Assembly for Domestic and Landscape Irrigation Systems	NEW
665	Compound Water Meter Vault	609-Rev2
670	Private Double Check Backflow Preventer Vault	611-Rev2
671	Private Fire Service Vault	610-Rev2
672	Private Combination Fire Service Vault & Domestic Double Check	610-A-Rev2

BICYCLE / PEDESTRIAN

700	Typical Shared-use Path Section	701
705	Mid-block Pedestrian Crossing	410
710	Vehicle Barrier Locations and Fence Openings	703-Rev1
715	Removable Vehicle Barrier Post	702-Rev1